



# **APEC Regional Workshop on Measurement Challenges in Renewable Energy and Climate Science**

**29 October, 2015**

**Changping Campus, National  
Institute of Metrology, China**

# OBJECTIVES

- **Identify technology and metrology areas where training and sharing of best practices will be most beneficial for APEC economies**
- **Explore ways to promote regional and international partnerships to share approaches and best practices for expanded utilisation of RE, measurement of air quality, GHGs and other pollutants, and efficient energy use and distribution systems**
- **Develop an action plan for APEC with priorities for possible workshops/activities to improve regional measurement and standards infrastructure for RE and CS**
- **To assist developing economies achieve international equivalence and recognition of these capabilities to support RE industries and carbon emissions trade**

# Panel discussion:

**Panel to discuss each topic using all of their “hats” – global, regional and national.  
2-3 mins Q&A after each question.**

- 1. What are the highest priority measurement challenges in RE and CS for your economy? What capabilities exist to address these? What is needed in metrology infrastructure and training? How is your NMI filling the gaps? (2-3 mins/panellist)**
- 2. What policy or regulatory drivers are there? What are the gaps in the broader technical infrastructure in terms of regulation, standardisation and accreditation? (10 mins for panel)**
- 3. What strategies and opportunities for collaboration can we, in the Asia Pacific, learn from, adapt or partner with? How are you partnering with the private sector?(10 mins for panel)**
- 4. What lessons can you share with developing economies, e.g, in engaging with stakeholders and understanding their needs? (10 mins for panel)**
- 5. How can we in the Asia Pacific fill the gaps with, e.g. training (incl. awareness-raising, education of metrologists and policy-makers), access to resources (expertise, funding), etc? (10 mins for panel)**

**25 mins plenary discussion: Next steps, and priorities for APEC for activities/workshops in the future**